

62	<del>122</del>	Subclass
ISSUE CLASSIFICATION		

PATENT NUMBER

5931011

5931011

## U.S. UTILITY PATENT APPLICATION

**O.I.P.E.**

PATENT DATE

SCANNED

**Q.A**

SECTOR	CLASS 62	SUBCLASS <del>15</del> 182	ART UNIT 3744	EXAMINER 7
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FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

**PREPARED AND APPROVED FOR ISSUE**

**ISSUING CLASSIFICATION**

ORIGINAL			CROSS REFERENCE(S)							
CLASS	SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
62	182		62	157	186	228.1				
INTERNATIONAL CLASSIFICATION			165	269						
F25D	17/00									
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☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drawg. <div style="font-size: 1.5em;">14</div>	Figs. Drawg. <div style="font-size: 1.5em;">15</div>	Print Fig. <div style="font-size: 1.5em;">2, 3</div>	Total Claims <div style="font-size: 1.5em;">10</div>	Print Claim for O.G. <div style="font-size: 1.5em;">1</div>
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.  <input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____  <input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	<div style="font-family: cursive; font-size: 1.2em;">         Susanne C. Tinker       </div> <div style="text-align: right; font-size: 0.8em;">1/27/99</div> <div style="text-align: center; font-size: 0.8em;">(Assistant Examiner)</div> <div style="font-family: cursive; font-size: 1.5em; opacity: 0.5;">         Henry Bennett       </div> <div style="text-align: center; font-weight: bold;">         Supervisory Patent Examiner Group 3700       </div> <div style="text-align: center; font-size: 0.8em;">(Primary Examiner)</div> <div style="font-family: cursive; font-size: 1.5em; opacity: 0.5;">         Travis Haynes       </div> <div style="text-align: center; font-size: 0.8em;">(Legal Instruments Examiner)</div>			<b>NOTICE OF ALLOWANCE MAILED</b>  <div style="font-size: 1.5em; font-family: cursive;">2-3-99</div> <div style="text-align: center; font-weight: bold;">ISSUE FEE</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">             Amount Due <div style="font-size: 1.5em; font-family: cursive;">1210.20</div> </div> <div style="width: 45%;">             Date Paid <div style="font-size: 1.5em; font-family: cursive;">4/29/99</div> </div> </div> <div style="text-align: center; font-weight: bold;">ISSUE BATCH NUMBER</div> <div style="font-size: 1.5em; font-family: cursive; text-align: center;">070</div>	
	<b>WARNING:</b> The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.				

Form PTO-436A  
(Rev. 10/97)

Formal Drawings (\_\_\_\_ sets) set

(LABEL AREA)

(FACE) .

STAPLE AREA

\* U.S. GOVERNMENT PRINTING OFFICE: 1988-446-168

PATENT NUMBER

ORIGINAL CLASSIFICATION

CLASS 62 SUBCLASS 182

APPLICATION SERIAL NUMBER

09/102,635

APPLICANT'S NAME (PLEASE PRINT)

Shima et al

IF REISSUE, ORIGINAL PATENT NUMBER

CROSS REFERENCE(S)

CLASS SUBCLASS (ONE SUBCLASS PER BLOCK)

62 157 186 28.1

165 269

INTERNATIONAL CLASSIFICATION

F 25 D 17/00

GROUP ART UNIT

3744

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

Susanne C. Tinker

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

Henry A. Burnett

PTO 270

ISSUE CLASSIFICATION S I D

U.S. DEPARTMENT OF COMMERCE

STAPLE AREA

PATENT NUMBER

ORIGINAL CLASSIFICATION

CLASS

SUBCLASS

62

182

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APPLICANT'S NAME (PLEASE PRINT)

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